



Please type a plus sign (+) inside this box:

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<p><b>Complete if Known:</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/712,062</td> </tr> <tr> <td>Filing Date</td> <td>November 14, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Shunpei YAMAZAKI et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2826</td> </tr> <tr> <td>Examiner Name</td> <td>Fetsum Abraham</td> </tr> <tr> <td colspan="2">Attorney Docket Number</td> </tr> </table>		Application Number	10/712,062	Filing Date	November 14, 2003	First Named Inventor	Shunpei YAMAZAKI et al.	Group Art Unit	2826	Examiner Name	Fetsum Abraham	Attorney Docket Number	
Application Number	10/712,062																
Filing Date	November 14, 2003																
First Named Inventor	Shunpei YAMAZAKI et al.																
Group Art Unit	2826																
Examiner Name	Fetsum Abraham																
Attorney Docket Number																	
Sheet	1	of	1	0756-7218													

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Examiner Signature		Date Considered	

**\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant**

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/31/2002. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)</p> <p>FEA 27 2008</p>				<p><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/712,062</td> </tr> <tr> <td>Filing Date</td> <td>November 14, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Shunpei YAMAZAKI et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2826</td> </tr> <tr> <td>Examiner Name</td> <td>Fetsum Abraham</td> </tr> <tr> <td>Attorney Docket Number</td> <td>0756-7218</td> </tr> </table>		Application Number	10/712,062	Filing Date	November 14, 2003	First Named Inventor	Shunpei YAMAZAKI et al.	Group Art Unit	2826	Examiner Name	Fetsum Abraham	Attorney Docket Number	0756-7218
Application Number	10/712,062																
Filing Date	November 14, 2003																
First Named Inventor	Shunpei YAMAZAKI et al.																
Group Art Unit	2826																
Examiner Name	Fetsum Abraham																
Attorney Docket Number	0756-7218																
Sheet	1	of	1														

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

#### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>PF</i>		Office Action dated August 3, 1998 for Application Serial No. 08/784,293.	
		Office Action dated February 11, 1999 for Application No. 08/784,293.	
		Office Action dated January 17, 2003 for Application No. 08/784,293.	
Examiner Signature		Date Considered	<i>1/17/03</i>

*[Signature]*  
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/26/2022. GPO 2021-083.

**U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<p><b>Complete if Known</b></p>	
				Application Number	10/712,062
				Filing Date	November 14, 2003
				First Named Inventor	Shunpei YAMAZAKI et al.
				Group Art Unit	2826
				Examiner Name	Fetsum Abraham
Sheet	1	of	1	Attorney Docket Number	0756-7218

---

**U.S. PATENT DOCUMENTS**

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>JB</i>		4,330,363		Biegesen et al.	05/18/1982	
		4,996,077		Moslehi et al.	02/26/1991	
		5,089,441		Moslehi	02/18/1992	

## FOREIGN PATENT DOCUMENTS

#### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Kuper et al., "Effects of Fluorine Implantation on the Kinetics of Dry Oxidation of Silicon," Volume 60, No. 3, August 1, 1986, pp. 985-990, J. Applied Physics.	
		Nemanich et al., "Structure and Growth of the Interface of Pd on a-SiH," June 15, 1981, pp. 6828-6831, The American Physical Society Physics Review, Vol. 23, No. 12.	
		Wolf et al., "Thermal Oxidation of Single Crystal Silicon," Volume 1, 1986, pp. 207-211, Silicon Processing for the VLSI Era.	
		Dvurechenskii et al., "Transport Phenomena in Amorphous Silicon Doped by Ion Implantation of 3d Metals," Volume 95, 1986, pp. 635-640, Akademikian Lavrentev Prospekt 13, 630090 Novosibirsk 90, USSR.	
		Hayzelden et al., "Silicide Formation and Silicide Mediated Crystallization of Nickel-Implanted Amorphous Silicon Thin Films," June 1, 1993, pp. 8279-8289, J. Appl. Phys. 73(12)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.